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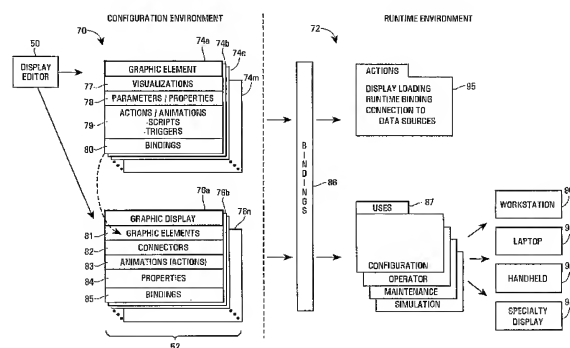
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(54) Title: GRAPHICS INTEGRATION INTO A PROCESS CONFIGURATION AND CONTROL ENVIRONMENT



(57) **Abstract:** Graphic elements and graphic displays are provided for use in a process environment to display information to one or more users about the process environment, such as the current state of devices within a process plant. The graphic elements and displays may be associated with various logical and physical elements within the process plant during configuration of the process plant, and may be configured and downloaded to the hardware within the process plant along with other configuration items, such as control routines. In particular, the graphic elements and graphic displays may be created and stored in a library, and may then be configured by being associated with various logical or physical entities within the plant. During the configuration process, the graphic elements and graphic displays may be associated with areas, equipment, process modules, control routines or control strategies of the plant as defined elsewhere in the plant configuration, or may be associated with interfaces or display devices, to define the hardware on which the graphic displays will execute during runtime, as well as to define the process entities to which these displays will be bound for display purposes. Still further, each of the graphic displays may be defined with a role or a functional use, such as an operator view, a maintenance view, etc., and these roles may be used to define the proper access and use of the graphic displays within the runtime environment.



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